

## Apoptosis inducer 32

## Chemical Properties

CAS No. :

Formula: C<sub>29</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>8</sub>

Molecular Weight: 616.45

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Apoptosisinducer 32 (Compound 7g) is an apoptosis inducer with a KD of 42 μM, demonstrating antitumor activity by causing significant morphological changes, such as membrane blebbing, nuclear fragmentation, and apoptotic body formation, in MDA-MB-231 cells. The IC <sub>50</sub> values for Apoptosisinducer 32 are 4.77 μM in MCF-7 cells, 6.56 μM in MDA-MB-231 cells, and 337.8 μM in HEK cells.
Targets(IC <sub>50</sub> )	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6222 mL	8.111 mL	16.2219 mL
5 mM	0.3244 mL	1.6222 mL	3.2444 mL
10 mM	0.1622 mL	0.8111 mL	1.6222 mL
50 mM	0.0324 mL	0.1622 mL	0.3244 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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